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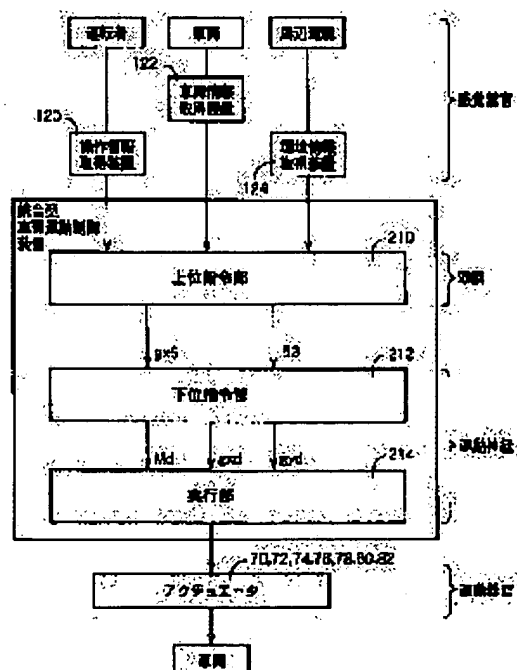
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(54) INTEGRATED VEHICULAR MOTION CONTROL DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To properly hierarchize software constitution of a device which controls a plurality of actuators integrally in order to execute a plurality of kinds of motion control in a vehicle and to optimize the hierarchical structure in terms of practicality thereof.

SOLUTION: The software constitution is hierarchized so as to contain (a) command units 210, 212 which decides a target vehicle state quantity based on drive related information, and (b) an execution unit 214 which receives the decided target vehicle state quantity as an command from the command units and executes the received command via at least one of the plurality of actuators 70-82. The command units contain a top



command unit 210 which decides a first target vehicle state quantity based on the drive related information without considering the dynamic behavior of a vehicle, and a lower command unit 212 which considers the dynamic behavior of the vehicle based on the first target vehicle state quantity received from the top command unit, and decides a second target vehicle state quantity.

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